



Palit GeForce GTX 1080 Ti GameRock Premium Edition



GEFORCE GTX 1080Ti



GameRock Series

- Premium Edition: Extreme OC Edition
- TurboJET4 design (Patent Pending)
- TRI-Modes: OC Mode/Gaming Mode/Silence Mode
- RGB LED lighting with RGB SYNC
- Dual VBIOS
- 0-dB tech
- 12 phase + 2 PWM
- Copper Base
- DrMOS

NV Features

- Simultaneous Multi-Projection
- VR Ready
- 16nm FinFET
- NVIDIA Ansel
- NVIDIA® SLI® w/HB Bridge Support
- NVIDIA G-SYNC™
- NVIDIA GameStream™
- NVIDIA GPU Boost 3.0
- Microsoft® DirectX® 12
- Vulkan API
- OpenGL 4.5 Support
- PCIe 3.0



Minimum System Requirements

- PCI Express-compliant motherboard with two and half width x16 graphics slot
- Two 8-pin PCI Express supplementary power connectors
- Minimum 600 W or greater system power supply
- Microsoft Windows 10, Windows 8.1, Windows 7
- DVD-ROM drive or Internet connection



Part Number	NEB108TH15LC-1020G
GPU	GeForce GTX 1080Ti
Core Name	GP102
Process Tech.	16nm
Cores	3584
Mem. Amount	11GB
Mem. Interface	352 bits
DRAM	GDDR5X
Base Clock	1594 MHz
Boost Clock	1708 MHz
Memory Clock	5500 MHz
Mem. Bandwidth	484 (GB/Sec)
Board Power	300W
Board size	285 x 133x58mm
Bracket	2 slot
Cooler	2.5 slot
Box size	400x270x96 mm
Retail Pack	5 pcs per carton
EAN Code	471063626 9608
Output	DP1.4 x3, HDMI 2.0 ,DVI 
Box including	* GeForce GTX 1080 Ti * User Manual * Power Cable * DVD



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BEST GAMING FEATURES



RGB Lighting Effect



RGB Synchronization



4K Monitors Surround



ThunderMaster Utility



TRI-Modes

- OC Mode
- Gaming Mode
- Silence Mode

BEST THERMAL SOLUTION



TurboJET4
Quad Fans



Anti-Vortex Design



0-dB Technology



Honeycomb Bracket

BEST QUALITY



DrMOS



Dual BIOS

12+2

12-Phase plus 2 PWM



Copper Base



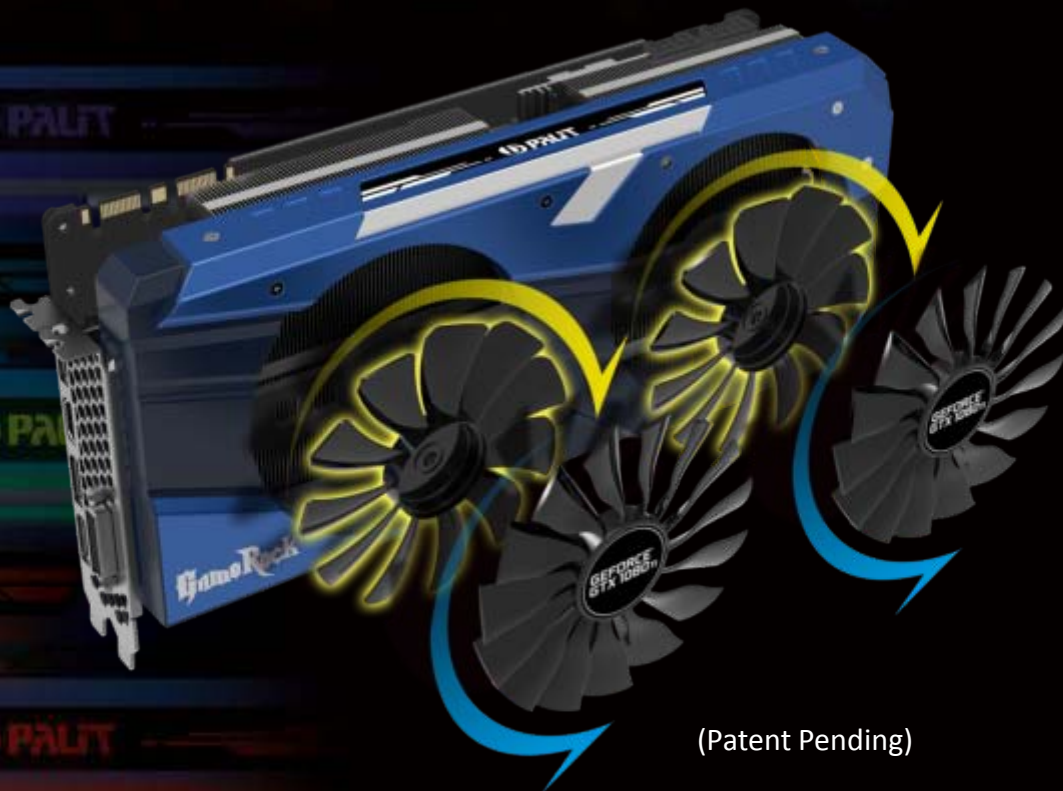
The brand new gaming series, Palit "GameRock" is specially designed for enthusiast gamers who desire to have the ultimate gaming experience. GameRock series provides the best gaming features, the best thermal solution and the best graphics card quality, make you become a real game rocker without any fears.



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TURBO JET4

The revolutionary cooling design on the new GameRock series, Palit invents the TurboJET4 technology on the thermal solution. The TurboJET4 fabricates **dual Double-Fans** with the **anti-vortex design**. It offers the high-centralized air volume and provides much more efficient on heat dissipation. This design even generates lower acoustic level than normal dual-fan design.



(Patent Pending)

Anti-Vortex Design

Two fans with different spinning direction can eliminate air flow's vortex effect that provides high-centralized air volume to help cooling heat.

4 Fans

Anti-Vortex Design

Lower Acoustic Level

Lower GPU Temperature



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The color lighting from RGB LED can be changed in accordance with graphics temperature. The temperature can easily be identified by different colors from the external appearance of the graphics card. Gamers can choose from 16.8 million colors to suit their own style and preferences.

● <50°C ● 50~80°C ● 80~90°C ● > 90°C



Palit RGB SYNC allows you to synchronize the lighting effect with your Motherboard. Create your personal harmony lighting symphony.

*The connector located on the end of the PCB, and only compatible with certain Motherboard which have lighting effect function.

* User can sync the lighting effect via Motherboard utility.



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TRI-Modes

3 setting modes based on the different GPU usages, Easy to use and only with one click on ThunderMaster Utility.



OC Mode:

The maximum core speed with the maximum power limit. It can drive you to experience the extraordinary GPU performance.



Gaming Mode:

The optimized speed setting and with the maximum power limit, gamers can enjoy the best gaming performance.



Silence Mode:

Make applications run silently while you are not in the gaming mood.



	OC Mode	Gaming Mode	Silence Mode
GTX1080Ti GameRock Premium	5500/1594	5500/1556	5500/1518



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4K3

With its three DisplayPort ports, the GameRock series provides a flawless, jaw dropping experience at 4K monitors surround.



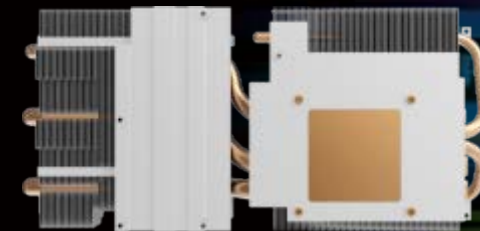
Honeycomb Bracket

The design of honeycomb bracket increases airflow by up to 15%, allowing the heat generated from GPU to be exhausted via the honeycomb design bracket. This enables more efficient cooling effects.



0-dB TECH

Keep Silent while you are experiencing the multimedia application and general workload. The operating fans only occurs while working on heavier loading such as gaming that the GPU temperature surpasses 60°C.



Copper Base

The new thermal design adding large size copper base directly adhered with GPU and more heatpipes; that can efficiently dissipate the heat from GPU and make 22% cooler.



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DrMOS

DrMOS, originally only available for high-end server CPUs, is now available in all its glory in the next generation of Palit graphics cards. DrMOS offers high current circuits, low noise operation, and effective reduction of heat generating.

12+2

12-Phase plus 2 PWM

The 12 phases for those 3584 cores and 2 phases for memory chips provides unlimited power and minimized current loading for each phase to stabilize the voltage level, the overall efficiency can be improved, the choke noise and EMI noise also be reduced.



Dual BIOS

The dual BIOS program automatically activates the protection mechanism when an error occurs in one of the BIOS programs. This allows the graphics card to be functional again in the event of system failure.

BIOS 1: OC speed

BIOS 2: Standard speed